

Achieving Excellence

Overview of Year 10 Curriculum: Spring Term 1 (January – February 2023)

This is an outline for students, parents and carers of the curriculum that students will be studying this half-term. All lessons are available on Google Classroom, following the same curriculum that is taught in school.

Details of homework and students' timetables are available on the SIMS App-for support please contact aralph@leftwichhigh.com. For regular updates please follow us on Twitter [@leftwichhigh](https://twitter.com/leftwichhigh)

Subject	Where to find Lessons	Learning Focus and resources
Support & Resources	RM Launch Pad (Log in via the school website)	Go to http://www.leftwichhigh.com/ Click the envelope icon. Log in using school username and password. All learning resources can be found here: Google Classroom; SAM learning; Seneca; MathsWatch; ActiveLearn; Accelerated Reader. For support please contact: passwordreset@leftwichhigh
Tutor Time	Google Classroom 10T: ojqund2u 10M: dmsxdwd 10H: 55wfvgc 10S: 5jk5blp 10P: ke25dvv 10N iefcssu 10O: lv3sigb	Students will follow a planned Tutor Time programme developing skills in Leadership; Organisation; Resilience; Initiative and Communication. Monday: Achieving Excellence (A) Character Development (B) Tuesday: Literacy/Numeracy Challenge Wednesday: Head's Assembly (Hall) Thursday: Debate Friday: Year Leader's Assembly
Art & Photography	Google Classroom Group emails 10Art Nm34hjj 10Photo dvqqfbn	Art: Students continue to use the work of Sarah Graham as an inspiration and they make a 3D object/food out of paper Mache and air dry clay. Images need to be used to make sure the 3D is as realistic as possible. Once the work has been made, it can be painted using acrylic. Photography: Students are starting a portrait project, looking at numerous artists and different ways of producing a portrait. Students will be practising their Photoshop skills; experimenting with many different tools, moving onto looking at filters and effects. Should pupils be isolating, they can continue to work on their projects. Art have equipment at home and Photography can work on their editing skills via photopea.

<p>CC&M</p>	<p>CS AC – iss66xf CS JT - zxeY3cj</p> <p>DIT - ofdcv3n</p> <p>Media AC – 5udatze Media JT – x7myftn Media GV - q7g43da</p>	<p>Computer Science – Programming and theory topics will be posted on GC and linked on SENECA. Developing programming skills, Data Representation, Algorithmic thinking, Cyber Security and Wider Issues with Computing. Aspects of computer Hardware and their functions will be studied.</p> <p>DIT - Component 2 Controlled assessment in supervised conditions for examined times. Topic to be confirmed with the exam board.</p> <p>Media – Component 2 Controlled assessment in supervised conditions for examined times. Topic to be confirmed with the exam board.</p>								
<p>D&T</p>	<p>Google classroom</p> <p>10A - kr7kzfs 10B - nbmbzsj</p>	<p>Students will finalise their 3D lettering task. Learning how to test and Evaluate products. This project will then act as a framework to build future individual projects around. The next project will be based on structures and mechanisms in a range of materials, in which students will challenge themselves to build and test to destruction!</p> <p>2 hours per fortnight will focus on the theoretical element of the subject. This does have a practical focus but will involve learning in the spring term about the working properties of materials and then moving on to detailed studies in the material of their choice. This will lead to the understanding and applying this knowledge to exam style questions, for ST2.</p> <p>D&T work that is accessible from home is on Google Classrooms. Teachers may also email students individually with further details.</p>								
<p>Food Preparation and Nutrition</p>	<p>Google classroom</p> <p>10a - 3pg2d6q 10b - qgvey5o</p>	<p>Students will be working on two separate topics. They will continue to work on the Nutrients topic. They will learn about Macronutrients and Micronutrients, looking in depth at Proteins, Carbohydrates, Fats and oils, Vitamins and Minerals. They will also study Nutritional needs and health including planning for specific groups, energy needs and the Eatwell guide. Practical lessons to hone specific skills will continue.</p> <p>FP&N work that is accessible from home is on Google Classrooms. Teachers may also email students individually with further details.</p>								
<p>EfL with RS</p>	<p>Google classroom</p> <p>Same as Tutor Group</p>	<p>Students are preparing for their Mock Interviews. They will learn how to complete a CV and write a supporting statement in lessons. Using this knowledge, they will then apply for a post 16 Apprenticeship of their choice which they will be interviewed on by employer in March.</p> <p>Before half term students will begin to explore the dangers of unhealthy lifestyles, the laws surrounding them and how to deal with and seek help if situations occur. They will also learn how to deal with grief or bereavement by recognising emotional signs of loss and where to seek help and support.</p>								
<p>English</p>	<p>Google Classroom</p> <p>Whole Cohort - Y10 English Hub: bemopk7</p>	<p>Students begin their study of Blood Brothers and the Poetry Anthology: Power for Literature, and their study of the fiction paper for Language covering:</p> <table border="0"> <thead> <tr> <th data-bbox="497 1800 756 1854">Literature:</th> <th data-bbox="756 1800 986 1854">Poetry Anthology</th> <th data-bbox="986 1800 1235 1854">Language:</th> <th data-bbox="1235 1800 1490 1854">Creative Writing</th> </tr> </thead> <tbody> <tr> <td data-bbox="497 1854 756 2114"> <p>Blood Brothers</p> <p>L1 – Marilyn Monroe L2 – The Deal L3 – Eddie Given away & Mrs J Fired L4 – Mickey & Eddie Meet L5 – Kid's Game & Linda L6 – Policeman Scene & Social Class</p> </td> <td data-bbox="756 1854 986 2114"> <p>L1 – Love and War Clusters Consolidation L2 – London L3 – Hawk Roosting L4 – Living Space L5 - Ozymandias</p> </td> <td data-bbox="986 1854 1235 2114"> <p>Fiction Reading</p> <p>L1 – Emma and Robbie Q1 – 3 L2 – Emma and Robbie Q 4 & 5 L3 – Stephen and Kate Q1 – 3 L4 – Stephen and Kate Q4 & 5</p> </td> <td data-bbox="1235 1854 1490 2114"> <p>L1 – Memories L2 – Story Arcs and Openings L3 – Dialogue and Characterisation L4 – Conflict and Climaxes L5 – VSSPS and Story Endings L6 – Timed Practice</p> </td> </tr> </tbody> </table>	Literature:	Poetry Anthology	Language:	Creative Writing	<p>Blood Brothers</p> <p>L1 – Marilyn Monroe L2 – The Deal L3 – Eddie Given away & Mrs J Fired L4 – Mickey & Eddie Meet L5 – Kid's Game & Linda L6 – Policeman Scene & Social Class</p>	<p>L1 – Love and War Clusters Consolidation L2 – London L3 – Hawk Roosting L4 – Living Space L5 - Ozymandias</p>	<p>Fiction Reading</p> <p>L1 – Emma and Robbie Q1 – 3 L2 – Emma and Robbie Q 4 & 5 L3 – Stephen and Kate Q1 – 3 L4 – Stephen and Kate Q4 & 5</p>	<p>L1 – Memories L2 – Story Arcs and Openings L3 – Dialogue and Characterisation L4 – Conflict and Climaxes L5 – VSSPS and Story Endings L6 – Timed Practice</p>
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		<p>L7 – The Locket (Secret & Lies) L8 – Johnstone’s Rehoused L9 – Bus Scene & Sammy L10 – Education Scene L11 – Knife Scene</p> <p>All lessons, and their relevant resources, are uploaded on the Y10 English Hub (22-23) on Google Classroom. As well as the above, we strongly encourage students to read regularly.</p>		
French	Google Classroom	<p>Half Term 2: Topic: Ma ville <i>Week 1 – Describing festivals</i> <i>Week 2 – Describing a region</i> <i>Week 3 – Describing where you live</i> <i>Week 4 – Discovering information about a region in France</i> <i>Week 5 – Discussing plans for specific weather</i> <i>Week 6 – Describing problems in your region and learning negatives</i> <i>Week 7 – Prepare and complete extended written task</i></p>		
Geography	Google Classroom Year 10 Geography Hub nz37s3z	<p>Students are taught Physical geography topics interleaved with Human geography topics, alternating between lessons.</p> <p>Human geography topics: The Changing Economic World L1 – The post industrial economy L2-3 – How has the UK infrastructure changed? L4 – Teesside industry L5 – The place of the UK in the wider world</p> <p>Resource management L6 – Introduction to resources – Food, energy and water L7-8 – Impacts of importing food in the UK and ways to reduce these imports</p> <p>Weather hazards Climate change L1 -3 – Climate change evidence, internal and external factors that affect climate L4 – Human causes of climate change L5 – Adaptation and mitigation</p> <p>Ecosystems L6-7 – Ecosystems and what is equilibrium L8-9 – Biome distribution and peer assessed exam practise</p>		
History	Google Classroom	<p>Year 10 will interleave between new topics Germany 1890-1945 & Elizabethan England 1588-1603 :</p> <table border="1"> <tr> <td> <p>P1 – Germany <u>Pt1 – Kaiser’s Germany</u></p> <ul style="list-style-type: none"> • The Kaiser and his government x 1 • Problems of ruling x1 • Navy Laws x1 • Review Kaiser x1 • Impact of WW1 x1 • Weimar declared x1 <p><u>Pt 2 – Weimar Germany</u></p> <ul style="list-style-type: none"> • Weimar declared x1 </td> <td> <p>P2 - Elizabeth <u>Pt 1 – Elizabeth’s court and Parliament</u></p> <ul style="list-style-type: none"> • Elizabeth becomes Queen/background • Life at court x1 • Marriage & Succession x1 • Problems with Parliament x1 • Religious Settlement x1 <p><u>Pt 2 – Threats at home & abroad</u></p> <ul style="list-style-type: none"> • Religious Threats: Plots x3 • Jesuits x1 </td> </tr> </table>	<p>P1 – Germany <u>Pt1 – Kaiser’s Germany</u></p> <ul style="list-style-type: none"> • The Kaiser and his government x 1 • Problems of ruling x1 • Navy Laws x1 • Review Kaiser x1 • Impact of WW1 x1 • Weimar declared x1 <p><u>Pt 2 – Weimar Germany</u></p> <ul style="list-style-type: none"> • Weimar declared x1 	<p>P2 - Elizabeth <u>Pt 1 – Elizabeth’s court and Parliament</u></p> <ul style="list-style-type: none"> • Elizabeth becomes Queen/background • Life at court x1 • Marriage & Succession x1 • Problems with Parliament x1 • Religious Settlement x1 <p><u>Pt 2 – Threats at home & abroad</u></p> <ul style="list-style-type: none"> • Religious Threats: Plots x3 • Jesuits x1
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		<ul style="list-style-type: none"> • Treaty of Versailles x1 • Political threats x1 						
		All resources can be found on Google Classroom and students should access live lessons via Teams if isolating and well enough to work.						
Maths	<p>MathsWatch Google Classrooms</p> <p>Higher- rzpqb2</p> <p>Foundation - xrefrhb</p>	<p>Lesson resources are provided on Google Classroom. Students should complete the work set on MathsWatch. (Username: First2intialssurname@leftwichhigh e.g. John Smith, JoSmith@leftwichhigh) Password: Leftwich</p> <p>Year 10 Higher Week 1 – Averages from Frequency tables Week 2 – Pythagoras & Trigonometry Week 3 – Rates of Change Week 4 – Congruence & Similarity Weeks 5 & 6 – Sine & Cosine in non-right angled triangles Week 7– Equations of Circles</p> <p>Year 10 Foundation Week 1 – Averages Week 2 – Properties of Shapes/Tessellation Week 3 – Speed Distance Time/Travel Graphs Week 4 – Area & Perimeter Week 5 – Expand & Factorise Week 6 – Inequalities Week 7 – Scatter Graphs</p>						
Music	<p>Google Classroom</p> <p>dvbdphe</p>	<p>AOS3 – Rhythms of the World</p> <p>Students will study the traditional rhythmic features of Classical Indian music and traditional Punjabi Bhangra, traditional Eastern Mediterranean and Arabic folk rhythms, with particular focus on traditional Greek, Palestinian and Israeli music, traditional African drumming and traditional Calypso and Samba.</p> <ol style="list-style-type: none"> 1. Content and language for learning (5 lessons) 2. Deliberate listening and exam technique (5 lessons) 3. Performing and composing (5 lessons) 						
PE	<p>Google Classroom</p>	<p>Lesson resources can be found for both courses on Google Classroom.</p> <table border="1"> <thead> <tr> <th colspan="2">GCSE PE Year 10</th> </tr> </thead> <tbody> <tr> <td>Teacher</td> <td>HM, ST</td> </tr> <tr> <td>Unit 1: Anatomy and Physiology</td> <td> <p>Week by week lesson delivery. (NB: this is a guide and is subject to change)</p> <ul style="list-style-type: none"> • Joint action and movement • Muscles • Respiratory system • Circulatory system • Aerobic and anaerobic </td> </tr> </tbody> </table> <p>Cambridge National Sports Studies Year 10</p>	GCSE PE Year 10		Teacher	HM, ST	Unit 1: Anatomy and Physiology	<p>Week by week lesson delivery. (NB: this is a guide and is subject to change)</p> <ul style="list-style-type: none"> • Joint action and movement • Muscles • Respiratory system • Circulatory system • Aerobic and anaerobic
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		Teacher	JT	
		R185	Performance and leadership in Sports Activities. TA1 Practical – Individual and Team sport continued assessment. TA2 Coursework - creating a 6-week self-coaching plan. TA3 Planning a coaching session for delivery. See Google Classroom for further guidance and LO objectives)	
RS	Google Classroom Central Hub (sw3wmlf)	<p>Students will study the topic Muslim Beliefs and Teachings this half-term. This topic will give the students a chance to explore specific beliefs and teachings that are important to the Muslim faith.</p> <p>All lesson resources are available on the Google Classroom central hub. Whilst studying the course, students will be set a workbook to complete as homework. They will have their own copy of the workbook, but it can also be found on Google Classroom. Students will complete the workbooks alongside studying the course to reinforce their understanding.</p> <p>As part of the Muslim Beliefs and Teachings topic students will study the following lessons:</p> <p>Lesson 1: Different branches of Muslims Lesson 2: Diversity is Islam Lesson 3: Developing exam technique Lesson 4: Foundations of faith Lesson 5: Muslim beliefs about the nature of God, angels and Risalah Lesson 6: Developing exam technique Lesson 7: Akhirah Lesson 8: Self-assessment and revision</p>		
Science	Teams (GCSE Science folder) Seneca & SAM learning.	<p>Biology:</p> <ol style="list-style-type: none"> 1.Aerobic and Anaerobic Respiration (3-4 lessons) 2.Metabolism (1 lesson) 3.Photosynthesis (1 lesson) 4.Testing a leaf for Starch (1 lesson) 5.Limiting factors (1 lesson) 6.Uses of glucose (1 lesson) 7.Optimising food production (1 lesson) 8-9.Photosynthesis required practical (2 lessons) 10. Understand disease that occur in plants plant disease (1 lesson) 11.Explain the effects of plant deficiency diseases (1 lesson) 12.Understand the role of Plant hormones and their uses (2 lessons) <p>Link to Biology Resources</p> <p>Chemistry:</p> <ol style="list-style-type: none"> 1. Rate of reaction – factors that affect rate (1 lesson) 2 & 3. Rate of reaction – surface area (2 lessons) 4. Rate of reaction - concentration (1 lesson) 5 & 6. Rate of reaction - temperature (2 lessons) 7. Rate of reaction - catalyst (1 lessons) 8, 9 & 10. Required practical – rate of reaction (3 lessons) <p>Link to Chemistry resources</p> <p>Physics:</p>		

		<p>1 – Specific heat capacity revision (1 lesson) (*SHC to be moved from Y9 to here fully in 2023-24)</p> <p>2/3 – Internal energy and latent heat (2 lessons)</p> <p>Lenses – separates (4 lessons)</p> <p>4 – Kinetic energy (1 lesson)</p> <p>5 – Gravitational potential energy (1 lesson)</p> <p>6 – Elastic Potential energy (1 lesson)</p> <p>7 – Work done and power (1 lesson)</p> <p>8 – Weight (1 lesson)</p> <p>9 – Magnetism (1 lesson)</p> <p>10 – Electromagnets (1 lesson)</p> <p>Link to Physics resources</p>
<p>Spanish</p>	<p>Google Classroom</p>	<p>Topic: School (continued)</p> <p>Week 1 – Discuss school rules</p> <p>Week 2 – Describe a school exchange</p> <p>Week 3 – Give opinions on after school clubs and express successes</p> <p>Week 4 – Preparation and completion of extended written task</p> <p>Week 5 – Discuss freetime and leisure activities with complex verbs</p> <p>Week 6 – . Explain what you usily do (using time phrases)</p> <p>Week 7 – Introduce freetime activities that you used to do (imperfect tense)</p>